



## HIGHWAY IMPROVEMENT INFORMATION

March 1, 2012

### STPD-133-3(103), C.N. 21791A BLAIR SOUTH

**LOCATION:** The project is located on Highway N-133 in Washington County. It begins approximately 6 miles south of Blair (Mile Marker 13.21) and proceeds north 5.91 miles, ending just south of the roundabout at the intersection of N-133 with US-30 (MM 19.12).

**PURPOSE AND NEED:** The purpose of this project is to reduce congestion, improve capacity, and reduce frequency and severity of crashes. The traffic and capacity needs for this Project are based on the Nebraska State Highway Inventory Report, which lists number of lanes as a roadway deficiency for the overall Project. The Minimum design Standards of the Nebraska Board of Public Roads Classifications and Standards, requires new and reconstructed rural state highways with existing or forecasted traffic over 9,000 Average Daily Traffic (ADT) to be studied, to determine the appropriate number of lanes for the project.

**SCOPE OF WORK:** The improvements consist of building a new four lane divided roadway on new horizontal and vertical alignment. Construction includes grading, surfacing, drainage structures, frontage roads, intersections, and utilities.

- The south 4.74 miles of the project will be built with a depressed median separating each direction of traffic.
- The north 1.17 miles of the project will be built with a raised median separating each direction of traffic. A continuous 4" curb will be located at the shoulder's edge and at the edge of the raised median.

#### TRAFFIC COUNT:

Year	2011	2035
Vehicles per Day	<b>8,465</b>	<b>12,805</b>
% Trucks	<b>7%</b>	<b>7%</b>

**ESTIMATED CONSTRUCTION SCHEDULE:** Construction is planned to begin in the 2013 to 2015 timeframe as part of the 10 year LB 84 plan.

**PROPOSED ACCOMMODATION OF TRAFFIC:** The highway will remain open during most of the project. Traffic will use the existing two lanes in the first phase while new pavement is constructed. Traffic will then be shifted to the new pavement to construct the second phase. However, since the grade at the north end is being lowered substantially, through traffic will be detoured to U.S. Highway 75 (US-75) for approximately four months to construct the north 1.2 miles of N-133. Access to local residences in the closure area will be maintained.

**RIGHT-OF-WAY:** Acquisition of new right-of-way and construction easements will be required throughout the project. Control of Access rights will also be obtained on both sides of N-133.. The highway project is anticipated to require the purchase of four or five residences. Relocation assistance will be provided to the owners as required under State and Federal guidelines.